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The GLEANER

NATIONAL AGRICULTURAL COLLEGE

Farm School, Bucks County, Pennsylvania

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EDITORIAL

Congratulations!

Congratulations to our Poultry Judging teams! By placing second in the Eastern States contest, the National Agricultural College representatives proved that the college can compete on an equal footing in intercollegiate competition with larger and longer established agricultural schools. Although the team which represented us at Chicago wasn't quite as successful, the members did show considerable improvement over their predecessors of a year ago.

Much of the success of both teams can be credited to the able coaching and perseverance on the part of Professor Raino K. Lanson. His driving spirit instilled confidence in his charges which was necessary for their phenomenal successes.

Animal husbandry and dairy judging teams have also been established at the college recently, expanding the intercollegiate judging program here. Much credit must be given to the students participating in these programs and they must be given the fullest support possible so that they too can drive ahead and equal the enviable record already established by the Poultry Judging Teams.

Such activities not only aid the students participating materially in their education, but also benefit the college as a whole in taking its rightful place among the agricultural colleges of the country.

Again we'd like to say congratulations to the Poultry Judging Teams—to Edward Quinn, Robert McKenney and Charles Dahlstrom who participated at the Eastern States contest and to Max Berkowitz, Erwin Goldstein and Melvin Silverman, N.A.C. representatives at Chicago.

We're looking forward to even greater successes next year.

ON THE COVER

This month, our artist, Ed Quinn put forth his artistic efforts in executing a cover fully representative of the spirit of the Season. Our mascot, Snuffy, takes to sleigh and reindeer to bring Christmas cheer to one and all.

The GLEANER takes this opportunity to wish everyone a very Merry Christmas and a Happy New Year!

WHICH STUDENTS SHOULD BE DRAFTED?

By JOSEPH BROTMAN '51

A cross-section of the student body of the National Agricultural College was polled in order to discover what the students thought of the draft program and how it should affect all types of college students. Specifically, the question was asked: "Which students do you think should be deferred from the draft?" This can imply that all students, regardless of major, ability or experience should be drafted eventually. Almost all students (ninety-seven per-cent) agreed unequivocally with this statement. Those who did not so agree believed it to be to the best interests of the nation that those in highly specialized fields, such as chemistry, physics or medicine, which the war effort requires, be allowed to complete their education or enter their field. The question might thus be worded: "Which men should be permitted to enter and complete their college education before entering the service?" This question also assumes that, in accordance with the present program, over-age students, veterans and seniors are exempt or deferred.

Pre-medical students, it was thought, should be first and foremost on the deferred list. Twenty per cent of the students polled believed this group to be very essential. In view of the need for spiritual guidance both in the armed forces and in civilian life and the national decadence which might result should there be a serious shortage of such guidance, a good many students thought that only theology students should be deferred.

With few exceptions, those who thought agricultural students should be given consideration referred only to those students concerned with the direct production of food (i.e., animal husbandry or non-ornamental horticulture). They believed that unless the nation can continue to increase efficiency of food production and supply the nourishment for the country as a whole, and the armed forces especially, the nation would be materially weakened.

About sixteen per cent of the students polled thought that all students majoring

in a science or a technical subject should be allowed to continue. This group believes that such a practice would permit men in the services to be well qualified technicians, essential in a modern army. In addition, such men eventually would use their knowledge and skills to build up the strength of the nation. They would aid in the improvement of new materials, production methods and machines; in chemistry, engineering, electronics and metallurgy.

A small group (about four per cent) believes that those majoring in social sciences, especially teaching, should be deferred. These students reason that a well educated youth makes a strong nation. To win a war or maintain a powerful armed force at the cost of neglecting the youth of the nation is disastrous. With an adequate supply of well-trained teachers, the instance of juvenile delinquency could probably be greatly curtailed.

Another group believes that a college education is so important that unless there is an extreme need of young man-

power, all college students should be deferred. If college students must be taken, then all students, regardless of their major, who maintain better than a predetermined average (which should be about a "B") should be deferred. Another similar plan presented by other members of this small group advances the idea that those in the upper one-third of their present class or freshman class be allowed to continue their training. This entire last group comprised about twenty-four per cent of those questioned.

A number of students proposed various schemes for supplementing college education with some knowledge of military technics. They advocate extensive use of military education programs similar to the wartime V-12 and the R.O.T.C.

All told, eighty-seven per cent of those polled believed that it is to the advantage of the nation, as well as to the individual, that certain exemptions be made for college students. Many believe
(continued on page 7)



Poultry Judging Team Excels at Intercollegiate Competition

The twenty-seventh annual Eastern Collegiate Poultry Judging Contest, held at Rutgers University on Saturday, November 25, produced interesting results for the N. A. C. Poultry Judging Team. A group of sophomores, Edward Quinn, Robert McKenney and Charles Dahlstrom all but ran away with the prizes and served notice as to the caliber of judging teams N.A.C. will develop in the future.

The following is the final standing of the competing teams followed by their total scores and awards: 1st place, Cornell, 3860, loving cup; 2nd place, N.A.C. 3780, loving cup; 3rd place, Penn State, 3660, loving cup; 4th place, Connecticut, 3556; 5th place, Maryland, 3440; 6th place, Rutgers, 3440; 7th place, Vermont, 3434; 8th place, New Hampshire, 3404; and 9th place, Delaware with 3292 points.

N.A.C. held the lead over Cornell by two hundred points during most of the contest but lost by eighty points on the cockerels. This decided the contest in Cornell's favor.

In individual scoring, Quinn and McKenney placed third and fourth, receiving twenty-five dollar cash prizes

and Dahlstrom placed fifth and was awarded twenty dollars for his efforts. Quinn and McKenney tied for first on the written examination, receiving textbooks, "Genetics of Fowl," autographed by the author.

N.A.C. was also represented at the National Intercollegiate Poultry Judging Contest in Chicago. Although this team was not as successful as its counterpart in the east, it did show improvement over last year's mid-western entry. The 1950 group composed of Max Berkowitz, Erwin Goldstein and Melvin Silverman finished seventeenth out of nineteen teams, beating Wisconsin and Michigan, and finishing by a very close margin behind several other teams.

CAKCLE AND CROW—The Poultry Club has taken over the basement of the kennel and the members are remodeling it into a suitable place for battery brooding. The club decided to raise broilers and the project will probably get underway right after the Christmas vacation. On November 27th, two films on turkey production were shown at the Poultry Science Club meeting. More films and some interesting speakers are planned for 1951.

Class of '50 Donates Books to Library

As its contribution toward the advancement of education at the College, the Class of '50 has donated a group of books on agriculture and related subjects to the Krauskopf Library. In order that the books selected might serve the greatest number of students, a committee consisting of Frank Bushnell, Jack Greenberg and Alex Greenblatt polled all faculty members to determine just which volumes would be of the greatest benefit to the students in their respective fields.

The following is a partial list of the books selected:

Volumes 50 and 51, "Proceedings of the Society for Horticultural Science"; "Standardized Plant Nomenclature," the latest information on nomenclature of plant materials;

Hammond's "Teaching Agriculture," the latest and most authoritative information on agricultural education;

Kugler's "Arc Welding Lessons for School and Farms";

Topley and Wilson's "Principles of Bacteriology and Immunity," in two volumes;

Asdell's "Patterns of Mamallian Reproduction";

Cable's "The Physical Sciences." This volume covers various aspects of physics, astronomy and chemistry in a very readable manner;

Second volume of "Advances in Agronomy," an annual symposium of the latest developments in the field;

"Don Graf's Data Sheets," a book of general architectural information;

"Columbia Encyclopedia," a one volume encyclopedia published by the Columbia University Press.

The "A" Day committee is composed of the following: chairman, Henry Hudson; vice-chairmen, Al Furie and Bob Holland; secretary, Sheldon Kolroff; finance, Oskar Larsson; program, Doug VanWinkle; grounds, O. M. Vicars; publicity, John Toor, and special events, Norm Shayer.

Club representatives are: animal husbandry, S. Perelman and B. Kule; dairy, Oskar Larsson; farm machinery, Bob Pearson; food industry, Morton Weingarten; horticulture, Hank Kaltenthaler; photography, Paul Stein, and poultry, Charles Dahlstrom.

Participation: The Word for "A" Day '51

By BERNIE KULE '53

A wealth of experience was gained from the difficult planning and organization of the first "A" Day in May, 1949. Self-confidence was added as a result of the highly successful second annual "A" Day held last May. And now, with these valuable assets, Aggie men have started early with their preparations for an even greater third annual "A" Day scheduled for May, 1951.

For the benefit of our new freshmen, and the few upper-classmen still unfamiliar with the meaning of "A" Day at N.A.C., we stress the importance of participation—yes, your participation in these early preparations.

"A" Day is the one day during our school year when every club, and every student at N.A.C. will cooperate in an exhibit of how our students prepare themselves to be not only conversant with the theories of agriculture, but also, and most important, to become fitted through practical training to stand

among the leaders in the demanding fields of agriculture we know today.

Now that we all understand the reasons and objectives for having an annual "A" Day, let's turn for a moment to the lighter side of participation. During the first "A" Day events a lot of fun was mixed in with the work. Ask any of the fellows who participated—they know! A lot of pride was exhibited. Ask any of the prize winners, they'll tell you! As for prizes, there were so many interesting and worth-while awards that it was difficult to dispose of them all.

Since we expect to have an even larger number of prizes for the third annual "A" Day, we certainly hope to see an increase in exhibits and participants.

Let's all get behind the men in charge of preparations for "A" Day 1951. With real interest and sincere cooperation we can all make this a day that will long be remembered on and off the campus.

I RESOLVE

By JOHN TOOR '52

When we were asked by our dear editor to devote this article to the subject of New Year's resolutions, we were thrown for a big loss. Not being able to recall the whys and wherefores of any resolutions we made in the past, we decided to attack the subject scientifically.

Webster's definition of a resolution is "The formal expression of an opinion or will." What we couldn't figure out was the reason a person would go to the trouble of formally expressing his opinion or will to do or not to do something.

After extensive research we found that one reason could be that he doesn't feel he will actually abide by it. Thus, by stating it publicly, he will trick himself into living up to his resolution longer. Another reason could be that he is ashamed of his past mistakes, and by making a resolution he eases his conscience by having other people think that he is at least trying to correct his erring ways.

The next question to enter our mind was, "Why are resolutions associated with the beginning of the year?" One answer seems to be that after January or February of the old year, a person decides to strike that year off as a total loss, and keeps in mind that at the beginning of the next New Year he will make new and better resolutions. Another reason could be that he uses the fact that he intends making resolutions as an excuse to act just the opposite in the time previous to the New Year.

After all this background material, we were still slightly confused about the value of making resolutions. Therefore, we asked a number of students what their opinions were on the subject and noted any resolutions they happened to make. The unanimous opinion was that resolutions weren't worth very much but did make the resolving person feel a little better. Some of the resolutions we heard were as follows:

Walter Rubin resolved not to "bum" any cigarettes in 1951.

John Guisti resolved to discontinue making "fowl" noises about campus.

Two anonymous freshmen resolved to "fight it out" elsewhere than in Ulman Hall.

Norman Shayer resolved to study hard from now on and not let George Bleibtreu top him in exams.

Willie Vogel resolved to keep his telephone conversations under forty-five minutes.

O. M. Vicars resolved to wake up in time to arouse his roommates to go to class.

George Bleibtreu resolved to bring coffee and doughnuts for the entire class the next time he arrives late with one cup and one doughnut.

Jose Alfaro (the second Ernie Lawrence) resolved to get to class on time.

"Leroy" LaRosa resolved to have the canteen open twenty-four hours a day.

George Demitroff (believe it or not) resolved to keep his room clean.

"Smokey" Barbour resolved to be a good nursemaid for Jim Sutcliffe.

And, last but not least, Willie the Chef resolved to prepare only excellent meals.

—△—

HE WHO KNOWS

He who knows not, and knows not that he knows not, is a fool, shun him;

He who knows not, and knows that he knows not, is a child, teach him.

He who knows, and knows not that he knows, is asleep, wake him.

He who knows, and knows that he knows, is wise, follow him.

—Persian Proverb

YOUR AGRICULTURAL I. Q.

1. A 1,000 pound cow normally consumes about:

(a) 10 (b) 20 (c) 30 pounds of hay per day.

2. The minimum butterfat content of non-fruit ice cream is generally:

(a) 10% (b) 20% (c) 30%

3. Under normal conditions most of the varieties of peach trees begin to bear fruit:

(a) 4 (b) 6 (c) 8 years after planting.

4. To a dairyman the initials A. R. mean:

(a) Advanced registry (b) American registry (c) All registered.

5. In the U. S. the crop which ranks third in the number of acres harvested is:

Animal Husbandry News

By EUGENE C. PREVOST '51

An interview with Mr. Plevan has established that the college is acquiring two breeds of feeder cattle shortly. These will be Aberdeen-Angus and Hereford. Six feeder lambs have already been added to the college's ever increasing varieties of livestock.

A decision has been reached that the juniors will show horses and the seniors dairy animals at the Pennsylvania State Farm Show. In future years, the juniors will do all the showing of animals, not only at Harrisburg, but at other near-by fairs. The inter-collegiate animal husbandry judging teams will be made up of seniors.

The Animal Husbandry Club has planned an all day trip to Beltsville, Maryland experimental station, but as yet no date has been set.

The club project of Chester Whites at the home barn, consists of the following animals: two sows (one with a litter of four females and five males), two gilts, and two barrows. The sows and gilts will be bred in January by a boar being brought from Quakertown.

The barrows are on a fitting ration and will be ready for market in four to six weeks. All the males except one will be castrated and fitted for market. The one boar being raised will be traded or sold to obtain a boar for the club project. All of the females will be raised to increase the herd of breeding stock.

Four of the Goat Club's charges have been bred and will kid sometime in May, probably in time for "A" Day.

(a) wheat (b) cotton (c) oats (d) hay

6. The most common method of testing butterfat is named after:

(a) Hitchcock (b) Perersen (c) Babcock

7. A common variety of peaches is:

(a) Elberta (b) Premier (c) Cortland

8. The average yield of Timothy hay is about: (a) 1.5 (b) 3.5 (c) 5.5 tons per acre.

9. One hundred Leghorn hens are generally given about: (a) 8 (b) 18 (c) 28 pounds of scratch per day.

10. A cow should be dried up about: (a) 4 (b) 3 (c) 2 months before calving.

(Answer on Next Page)

Who Uses Frozen Foods and Why?

Fruits and vegetables were the frozen foods purchased most often by 1950 families interviewed in a survey reported by the New York State Experiment Station. The survey covered purchases made during 1946 and 1947 by families in two representative cities and one small town in the state. Strawberries were the most important frozen fruit purchased by these families; peas, beans, and spinach the most important frozen vegetables.

Some families in all income brackets used frozen foods during the past two years, the survey showed, but those with higher incomes used more than those on lower income levels, as might be expected. About sixty-six per cent of the families on lower income reported purchasing frozen foods, but eighty-five per cent of the higher income families purchased them.

In general, frozen foods were used by those in professional pursuits more than by those in other occupations. In the higher income groups homemakers who were working spent more for frozen foods than those who had no job outside the home. Just the opposite was true of homemakers in the lower income groups who were working.

When asked why they used frozen foods, homemakers generally cited their convenience, ease of preparation and quality.

—△— Student Survey

(continued from page 4)

that the interruption of an education is harmful, for one gets out of good studying habits and forgets a good deal while in the service.

Thirteen per cent of the students questioned believe that no college students should be deferred as such. They believe that all youth should be placed on an equal footing with no distinctions or deferments whatever. Many in this last category believe that if there is a sincere desire to obtain an education, it can be continued after military service. Less than three per cent of the students interrogated had no opinion on this issue.

The topic of draft deferment has been the subject of much thought and controversy, yet, in the final analysis, the solution may depend more on the immediate military and diplomatic situation than on long range plans.

Answers to I. Q.

SCORING

- 80 to 100—you cheated
60 to 80—good farmer
40 to 60—city slicker
40 and under—better luck next time

- (1) 20 lbs. per day; (2) ten percent;
(3) four years; (4) advance registry;
(5) hay; (6) Babcock; (7) Elberta;
(8) 1.5 tons; (9) eight pounds of scratch; (10) two months before calving.

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THE AMAZING GINKGO

By CARL F. LEUTNER '52

It is this writer's opinion that very few students here at the College are aware of the fact that a tree whose origin dates back to the Paleozoic era is growing on our campus today.

Upon closer examination, however, one can readily realize that this tree is a sole survivor of a family once widespread in early geological times. It is also fairly simple to distinguish it from those of comparatively recent origin.

Gracefulness and a distinct wingless shape, nobility and majestic proportions, and a tall attractiveness are the outstanding characteristics of our elms, white oaks and sugar maples, respectively. In direct contrast to these trees are the single, erect trunk, the primitive appearance presented by the straight, slender branches which ascend heavenward resembling outstretched arms, and the gnarled spurs which bear the oddly fan shaped leaves of the Ginkgo.

Classification

Botanically, the Ginkgo is referred to as *Ginkgo biloba* and is a member of the Gymnospermae, a subdivision of the division Spermatophyta. The Spermatophyta division contains those members of the plant kingdom reproducing by seeds having an embryo, and possessing true flowers bearing stamens or pistils or both. The subdivision Gymnospermae includes those plants whose pistillate members have exposed ovules.

The Class Coniferales including the Taxaceae, Araucariaceae, and Pinaceae families, the Class Gnetales including the Ephedriaceae family and the Class Ginkgoales comprise this subdivision. The remainder of the plant kingdom, excluding those that reproduce by spores (Division Pteridophyta), fall into the subdivision Angiospermae. The pistillate members of this subdivision have their ovaries enclosed in an ovary.

Aside from the Larch which is commonly referred to as a deciduous evergreen, the Taxodium which can be either deciduous or evergreen, and the Ephedra, which is an evergreen-appearing shrub, the Ginkgo is the only deciduous tree that is not an Angiosperm.

The very fact that it is a Gymnosperm indicates it is a lower form than the other deciduous trees, which are more



Male

Female

Note the fruit borne by the female. Many believe that the upright traveling of the male is also a distinguishing factor.

complex. The Ginkgo is the only genus in the class Ginkgoales.

Origin

The Ginkgo is native to China and, as was mentioned before, had its beginnings in the Paleozoic era. It was rapidly becoming extinct when it was rescued by the Chinese. It was then introduced into Japan, and for centuries has been growing in Chinese and Japanese temple gardens.

Eventually the tree was brought into this country where it has been freely planted as a street and park tree, but it has never been found growing in the wild state.

Characteristics

The Ginkgo is dioecious, and thus bears its male and female flowers on separate trees. Fertilization is aided by the motility of the male sperm cells. The female bears the fruit possessing the foul odor immediately associated with the Ginkgo.

The fruit is a drupe consisting of a hard bony center and a fleshy outer coat. It is this outer coat which produces the disagreeable odor upon putrefaction. It is hard to believe that the kernel beneath the fleshy foul smelling outer coat is sweet and edible. Oddly enough, Ginkgo

means silver fruit in Chinese.

The tree attains a maximum height of approximately a hundred feet, but it is commonly from sixty to eighty feet tall. The leaves are distinctly fan shaped with a slightly wavy upper margin, and are often two lobed. They are small in size, approximately two inches long and three inches wide, and have a leathery texture and are dull green in color.

The leaves turn a bright yellow in the autumn and fall within a few days. The resemblance of the leaves to the leaflets of the maiden hair fern is responsible for the true common name of the Ginkgo, the maiden hair tree.

Uses

The Ginkgo is widely used for street plantings and in parks. Since the female trees bear the malodorous fruit, only the male trees should be planted. It is best suited to the moist temperate climate of the eastern United States and the Pacific coast. A wide range of soil conditions is tolerated by the Ginkgo, and it even thrives under unfavorable city conditions.

Its upright growth and comparatively sparse branches make it an ideal street tree. It is used mainly, however, because of its resistance to smoke, dust, and

(continued on page 14)

THE METALLIC MONSTER

By ERWIN GOLDSTEIN '51

The machine age has penetrated our canteen! A few weeks ago a shiny, temperamental metallic monster was brought into the basement of Ulman Hall, and it promises to have a widespread effect on the daily routine of the N.A.C. student.

From the first day the coffee machine arrived on campus, most students have been as happy with it as a penguin in deep-freeze full of fish. The machine is a most helpful device, but nevertheless it has an unpredictable personality all its own. On some of its off days students have deposited their money, waited for their coffee, and then have been astounded at receiving a cupful of crystal clear hot water. At other times the machine gets absent-minded and provides the coffee but neglects to provide the cup.

The machine is certainly affecting the students' eating habits. Less and less people are getting up in the morning for breakfast. They rely, instead, on a mid-morning snack of coffee and donuts. If the present trend continues, in time no one but Jim Sutcliffe will bother to get up for breakfast. On the surface this would seem like a boon to the kitchen staff because they would have to prepare less food. But closer analysis proves this theory untrue, due to the fact that Jim Sutcliffe consumes approximately sixty-three per-cent of all food served at the dining hall.

The new coffee machine, coupled with the progressive attitude of "Willie" Larder and "Sheckles" LaRosa, of keeping the canteen open at convenient hours to sell pastry, is having a marked effect on the students' power to absorb lectures. As anyone with a full morning schedule will tell you, there is nothing like a snack and a cup of coffee at about 10 A.M. to bring one up to par. The coffee machine has other advantages. It is more convenient and less time consuming than going off campus every time a man wants a cup of coffee. For another thing, the machine serves a nickel cup of coffee, an institution that is fast vanishing from the American scene.

One of the most admired men on the campus these days is the man who services the coffee machine. Every time he

opens the complex monster to adjust it, a little knot of fascinated spectators gather around him in awe. Murmurs of "Gee whiz!" and "How about that?" rise from the hushed audience as he masterfully manipulates the complex organs of the machine. Some students seem to have found a latent aptitude for "coffee machinology," and are starting to agitate for a one credit course in Coffee Machine Operation. Jim Sutcliffe's mind flows in other channels. He is reported to have said, "What this school needs is a two credit elective in the liberal art of doughnut dunking."

"Doctor" Frank LaRosa, trainer for the football team, has come up with some interesting data. In a report of the Lower State Road Amateur Witch Doctors' Association, "Doctor" LaRosa stated the following facts: In a compara-

tive test between canteen coffee and dining hall coffee, dining hall coffee proved to be the better of the two coffees for fungicidal, germicidal and homicidal purposes.

He conducted tests on fifty West African rhinoceros, and found the following to be true: "When the animals were immersed in dining hall coffee for a period of time exceeding three minutes, the hide dissolved completely off their backs, whereas they frolicked happily in canteen coffee."

"Doctor" LaRosa therefore states that his comparison tests conclusively prove that canteen coffee, besides being less radioactive, is less irritating to the nose, throat, liver, heart, proventriculus and all other organs, than the dining hall variety.

SMOKE SIGNALS FROM THE DAIRY SOCIETY

In every class of dairy cows that comes before a judge, there is usually a cow that can be singled out at first sight as being the best. Such is usually the case with the fair sex too. It would be difficult, though, to say just who had the best looking girl at the Christmas Ball.

Instead of selecting an individual for this honor, it would seem to be a better policy just to say, that as a group, the dairymen certainly walked off with the honor of having the best eye as far as women are concerned. We hope this causes no hard feelings among the other majors here at school. Some people have it and others don't.

Seriously speaking, the Dairy Society would like to thank everyone for their co-operation in making the Christmas Ball a success. We hope you enjoyed the Ball as much as we enjoyed sponsoring it.

The smoke signals from the front office this month tell us that a new field is being opened to N.A.C. dairymen. This is the initiation of a policy of sending animals to the various shows and fairs in this vicinity. The biggest of these shows is, of course, the Pennsylvania Farm Show to be held in Harrisburg in January.

At the time of this writing, we are not positive that we will be able to show

dairy stock at the Farm Show because of the limited space allotted to the Holstein breed. However, our application has been filed and, with some luck, five fortunate seniors will be showing cattle come Farm Show time. The value of this experience will be unsurpassed by any other event possible in cattle showing circles.

What we would like to do here is to endorse this policy and say that the Dairy Society is very much pleased with the enthusiastic co-operation given by the administration and the faculty.

It is the opinion of the Society that a definite basis for selecting the men to go to the show be established. We also have an answer to this problem. It is suggested that the members of the junior class, majoring in Dairy Husbandry, compete in the annual dairy showing competition held on "A" Day. Those men who place highest would then automatically be eligible to show cows at Harrisburg in their senior year. This method would not only get the best showmen, but would also act as a stimulus for "A" Day competition.

As long as the subject of showing is under discussion, it might be said that at one time animals from our herd took grand championship banners at the Farm

(continued on page 14)

SPORT SCENE

By NORMAN AUSLANDER '52

I dropped in on Marini after the Panzer Game.

"Boy-o-boy, we took them," greeted me as I entered the room.

Bernie Gallagher, Bill Slemmer, Wally Heitsmith and Jerry were filled with the spirit that only victory brings.

"Yeh, you took them all right. Now we poor guys on the GLEANER have something to write about."

"Listen to this," Marini excitedly spouted, "this darn losing jinx was driving us crazy. We tried every-which-way to beat it, and, boy, it's sure sweet when you finally do. You know, I think my dark glasses did it!"

The room filled with laughter. The boys weren't counting their words. This was their night.

"Break a jinx? We broke their backs," Wally shouted.

"Okay, okay," I interposed, "you beat the tar out of them, but what's going to happen next week?"

"Wait and see," Gallagher answered. "Lycoming better watch out!"

Respectable Bill looked up from his chair near the window. "As far as I'm concerned, the season started today and next week will make it two straight."

The GLEANER sports staff feels that the N.A.C. Football Team has been victorious this year regardless of the outcome of the games. It's wonderful to be on the lopsided end of a final score, but we can't discount the hearts of fans, the admiration of coaches and teachers, and the respect of opponents we have won. These too are great victories!

* * *

"Fore!"

"Chizz" Lipari has attracted a group of golf enthusiasts to his favorite sport who, with long drives, daily threaten the ducking heads of students crossing the practice field at lunch hour. Many large colleges sponsor golf teams, and with the desire Lipari's disciples exhibit in learning, it may not be many years before N.A.C. is represented on the links.

* * *

There was once a bunch of hullabaloo at a large university in the South over non-varsity members wearing on the

campus letters that were not earned in school sport activities. The issue became so hot that finally the varsity club made and enforced a ruling which outlawed the practice.

We do not feel that such procedure is necessary at N.A.C., but we do feel that our athletes should be awarded some distinction for their efforts. The Varsity Club has purchased jackets. This reporter feels it is now the duty of the student body to refrain from displaying unawarded letters on the campus during class hours. Our football, basketball and baseball players deserve this tribute!

The basketball season is now foremost in everyone's mind. Coach Charlie Keyes has a big job cut out for him to match last year's performance. With the loss of seniors Lou Serridge, Bill Clancey, Dick Reeves, "Junie" Long, and "Chick" Ginsberg, Keyes' team is greatly weakened.

Good Hunting, Basketeers!

Basketball Intramurals are now in full swing. All you frustrated athletes now have your chance to shine. The competition in the past has been keen. Because we feel that intramurals are just as important as varsity sports at N.A.C., the GLEANER sports staff promises full coverage of the league games this year. So let's keep the squads together and show some good, clean fight.

Basketball Season Preview

By MICHAEL AIELLO '53

These cold, November winds can mean only one thing to sport fans: basketball with all its thrills is with us.

And so the N. A. C. 1950-51 basketball season gets under way on January 11, 1951.

In our interview with Coach Keyes, we were given the impression that our team this year is in for a hard grind. As you can observe from the schedule, the new crop of dribblers has a long row to hoe for a successful season.

Formal practice began the first Monday after Thanksgiving vacation.

Through graduation and men leaving college our team has lost a scoring punch amounting to 700 points. This is quite a loss for any team. Few veterans have returned, so the freshmen are expected to fill the gaps.

Coach Keyes is stressing condition and spirit. The new coach is putting the men through arduous roadwork and rope skipping exercises which are designed to bring the squad up to "tip-top-shape." He is also stressing the need and importance of shooting from 25-30 foul shots a day for each squad member.

Before the regular season begins, scrimmage games with colleges and prep schools will be played.

The boys are doing their best to round into shape. Let's see the entire student body at the games supporting the team.

We'll be looking for you on January 11th at the Goldey College game.

BASKETBALL SCHEDULE — 1951

Jan. 11—Goldey College, Wilmington, Delaware	Home
Jan. 17—College of Pharmacy, Temple University	Home
Jan. 19—Lycoming College, Williamsport, Pa.	Home
Jan. 24—Fort Jay, Governors Island, N. Y.	Home
Jan. 31—Glassboro State Teachers College, Glassboro, N. J.	Away
Feb. 5—King's College, Delaware	Home
Feb. 8—Newark College of Engineering	Home
Feb. 9—Montclair State Teachers College, Montclair, N. J.	Away
Feb. 13—Panzer College	Away
Feb. 15—Goldey College	Away
Feb. 20—College of Pharmacy, Temple University	Away
Feb. 21—Fort Jay	Away
Feb. 28—Philadelphia Textile Institute	Home
Mar. 1—Lycoming College	Away

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COMPLETION OF 1950 GRID SEASON

By DON PETERS '53

NEW HAVEN GAME

Saturday, October 28, saw the N. A. C. Bulldogs playing at New Haven, Connecticut, looking for their initial victory of the 1950 season with New Haven State Teachers College serving as the opponent.

It was a bad day for the Aggies, since nothing they tried seemed to work. The New Haven State Teachers taught the Aggies a few lessons on how and when to score. They outclassed us in every item and player on the field.

The first half saw the Bulldogs trying to score, but the efforts were in vain. Nice gains were made, however, by Dan Franchetti, who plunged through center and tackle quite a few times.

At the end of the half the score was 27-0 with the Connecticut boys way out in front, due to a very good end around play which they used quite frequently and a few well-aimed passes.

At the beginning of the second half the Green and Gold looked quite good with the two Eds, Nieznay and Brophy, and Palmer Hoffman eating up some valuable ground. But the Teachers took the ball on downs and marched for another T.D.

It was a tough and very hard fought game, as our injury column showed. Bill Branigan, the veteran center, injured his leg and was lost for the season. Also, the freshman quarterback, Gene Alfonsin, was kicked in the head and the star tackle Paul Chechele sustained a bad hip injury.

The team never gave up, however, and played very hard ball up to the last whistle. The final score stood at 47-0, the Aggie's third shutout of the season.

GLASSBORO VS. AGGIES

The biggest rival of the Green and Gold came to the N. A. C. campus on Saturday, November 4 to play before a crowd slimmed by the rainy weather.

The game started with the Bulldogs receiving the kickoff. We then marched forty-five yards with line plays by Franchetti, Hoffman and Brophy only to lose the ball on downs.

The first half was very even with the Aggies showing power in the line with such men as Guisti, Lipari, Heitsmith and Goldfarb. Dan Franchetti scored from the ten yard line on a beautiful

line buck, but the Glassboro teachers were too strong and rolled up a score of 19-6 at the half.

After the half time rest, the Aggies came back on the field and looked very strong in the third quarter. Nieznay scored on a tackle play which was started by "Red" Gallagher on the six yard line. A few minutes later, Palmer Hoffman, freshman fullback, powered his way into "Glory Land," making the score 26-18. John Holzheimer, one of the few seniors on the team, converted.

But then Tadaro, Glassboro's star quarterback, went on the rampage for the Teachers. He threw four T.D. passes and scored two himself. The Glickmen just couldn't reach him.

At the closing gun, the N. A. C. boys were on the short end of a 40-19 count as they registered their fourth loss.

AGGIES WIN FIRST GAME

The N. A. C. Bulldogs finally won their first game of the 1950 season on Saturday, November 11, by bowling over Panzer College of New Jersey, 32-6. Armistice Day meant nothing to the Aggies because they fought and tore the Maroon and White team to pieces.

The very cold day was quite an asset to the Glickmen because half of the players are sixty minute men. They looked fresh the whole game and had a lot of fighting spirit.

Dan Franchetti went wild that day, scoring three T.D.'s. He took a kickoff and displayed one of the most spectacular open field running plays your writer has ever seen. He dodged, swerved, and ran hard for eighty-two yards till he hit pay dirt. The blocking was terrific on that play, with all the Panzer men knocked out of the play. Danny also had runs of fifteen and twenty yards to "six point land."

Co-captain John Guisti tackled a Panzer back so hard that he fumbled and John Soards, frosh end, caught the ball on the five yard line and ran into the end zone. Holzheimer converted. Al Neal threw a twenty-five yard pass to Wally Heitsmith on the five yard line and Wally ran into the end zone for another six points. Holzheimer converted again. The Aggies had a slight edge in the weight column over Panzer boys, but nothing to make it such a one sided score.

LYCOMING GAME

On November 18, the Aggies completed the 1950 football season by travelling to Williamsport, Pa., to take on Lycoming College. The Aggies were a big favorite, but the Lycoming squad was up for this one and won its first game of the season.

The Aggies played their worst game of the year and Lycoming played their best, so it was a run-away for Lycoming. The first quarter ended 7-0 with a pretty even battle being waged between the twenty yard stripes. At half time it was 14-0 as the N. A. C. team retired from the field.

The third quarter started and the Aggies looked like they were on the move as Ed Brophy ran forty yards to pay dirt. But that was the end of the Aggie threat as the Warriors came back with another T.D. The third quarter ended 19-6. The fourth and final quarter was one the Aggies were glad to see end. The Warriors rolled up three more T.D.'s to make the final score 41-6.

SEASON'S STATISTICS:

Wins: 1, Ties: 1, Losses: 5
Points scored:

Opponents: 178, Aggies: 63

Varsity Club News

By BOB HOLLAND '52

This year finds Bill Larder, a senior and letterman in basketball and baseball, as President of the Varsity Club. Bill is very popular around the campus and usually can be found popping up from behind the counter in the canteen and at the refreshment stand during home football games.

The other officers are Carl Lynn, Vice President; Bob Holland, Secretary; and "Red" Gallagher, Treasurer.

The club sponsored the first social affair of the year at N. A. C., "The Varsity Hop," which proved to be a mammoth success.

Several meetings so far this year have featured movies of "Highlights in Football." The entire student body was invited to these sessions.

The club as usual is sponsoring all of the intramural sports at N. A. C., and will make awards to the winning teams this year. Touch football, which usually proved to be popular, didn't seem in demand this year and was consequently dropped from our program. However, (continued on page 14)

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PHOTONEWS

By HERB REBACK '51

The N.A.C. Photography Club started with a big bang this year by getting many new members. A list of the members of the club are as follows: Paul Stein, president; Herb Reback, vice-president; Victor Pessano, secretary-treasurer; Morton Weingarten, Douglas VanWinkle, Bert Litoff, Gus Nash, Pete Roland, Richard Kratz and George Demitroff.

The aims of the club are to familiarize its members with various dark room techniques and to improve their general knowledge of photography. This includes portrait work as well as the taking of good snapshots.

Activities thus far have included the taking of pictures at the Freshman Frolic, and a contest among club members to see who could take the best snapshot of our mascot, Snuffy.

Plans to take photographs at other dances and field trip snapshots are in the making. We are also planning to have interesting lectures on photography by important men in the field.

—△—

Varsity Club News

(continued from page 12)

teams and leagues for intramural basketball, volleyball and softball will be organized. It is the wish of the club that the student body participate wholeheartedly in this program.

Some time after Thanksgiving the members of the Varsity Club will be sporting new jackets on the campus. We are asking our members to "dig deep" in order to augment the money in our treasury.

We hope that in the future the student body will show greater school spirit than it has in the past, and turn out to the games to cheer the boys to VICTORY. We look forward to the intramural sports to produce some red hot competition and perhaps uncover some hidden talent within our ranks.

Season's Greetings

Smoke Signals

(continued from page 9)

Show. The ones that are going to Harrisburg this year, however, aren't a showman's dream. It might be a good long-time policy to carry out a breeding program that will enable N.A.C. again to walk off with blue ribbons. Let's make a name for ourselves as one of the best dairy schools in the country.

Field Trip a Success

Walker Gordon Research Laboratory in Plainsboro, N. J. was the main attraction of the annual Dairy Society field trip. The main point of interest was the famous rotolactor. To you poultrymen, this is a revolving platform on which fifty cows are milked in ten minutes. In all, sixteen hundred cows are milked three times a day. Henry Ford's production line has nothing on this system of milking.

Another point of interest was the self-feeding silos on the E. W. Rudermann Farms. With this system, the herd was housed in a pen type barn with separate room for eating and bedding down. This looks like the coming thing in dairy farms. The huge saving in labor that accompanies this method makes it very favorable in this period of high wages.

Coming Calendar

For the benefit of every person interested in agriculture, the Dairy Society is going to show a film, in the near future, entitled "Man Made Miracles." This film is sponsored by the Guernsey Breeders Association of Pennsylvania.

All you showmen will certainly not want to miss Mr. Williams, herdsman of the Androsan Farms in Ithan, Pa. Mr. Williams is one of our future speakers. His topic will be, "Showing and Fitting Dairy Cows." The Yorkshire cattle from Mr. Williams' charge are noted the nation over. One of his cows topped the sale at Cobleskill, N. Y.

These represent only the beginning of an intensive program that is being planned for the future. All you animal and dairy husbandry men will appreciate the quality of the coming events, so come out to the meetings on the second and fourth Tuesdays of each month. See you at the meeting.

Smoke Signal for this issue: *A man without hope is the poorest person alive.* We hope to win at the Farm Show.

SMOKEY

Hort Hilines

By NORMAN GOLDSTEIN '52

At a meeting of the Horticultural Society on October 24th, Mr. Fredrick S. Blau, associate professor of ornamental horticulture at N.A.C., delivered a lecture entitled "Contemporary Landscaping."

Accompanying the lecture, Mr. Blau showed slides to illustrate the methods of solving landscape problems. He stressed maintenance as the criterion of today's landscaping. The audience demonstrated its enthusiasm in a discussion which followed the lecture.

A colorful and enlightening film, "The Great Story of Corn" was shown at the November 8th session. It is a film produced by the Fink G. Hybrid Seed Company and tells the story of corn from its origin in the Amazon River Basin to today's double cross hybrids.

Another film presentation is on its way for January 16th featuring "Orchids," "Plant Growth," and "Flowers at Work."

—△—

The Amazing Ginkgo

(continued from page 8)

wind. Its tough, leathery leaves make it almost entirely free from insect injury, and for this reason alone merits planting. Another factor in its favor is the relative ease with which it can be transplanted.

It is easy to achieve regularity of lines with this tree in street plantings because of its single erect trunk. Its picturesque, primitive beauty also makes it desirable as a specimen tree. As was mentioned above, only the male trees should be used.

It is hard for this writer to conceive that a tree whose origin dates back to prehistoric times is capable of being one of the finest trees available for present day street and park plantings. Yes, the enduring qualities and the primitive beauty of the Ginkgo make it a tree worthy of respect and admiration by all.

—△—

HORSE SENSE

A horse can't pull while kicking.

This fact I merely mention.

And he can't kick while pulling,

Which is my chief contention.

Let's imitate the good old horse

And lead a life that's fitting;

Just pull an honest load, and then

There'll be no time for kicking.

—Unknown

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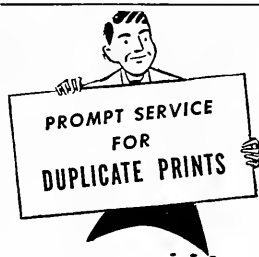
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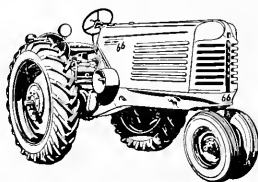
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